

## ABSTRACT

The circuit and method for turning on an internal voltage rail includes: coupling a first transistor between a power supply node and an internal voltage rail node; mirroring a current from a second transistor to the first transistor during a turn-on time period; and coupling a control node of the first transistor to a bias voltage node after the turn-on time period. This solution permits current controlled turn-on of the first transistor, but a fully switched-on first transistor once turn-on is complete.